

S144878



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SWA3-3-OH
Job Sheet OH188756



Part No: SWA3-3-OH

Job Qty: 1 ea

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/15/19

Job Tracking No: RA523

Due Date: 1/25/19

Created By: Michelle Gagnon-Donovan

Type: Rework - OH

Description: SN: AC10009

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.03.05 New issue DP verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	1/25/19	1/25/19	0.00	0.00	Start Up Small Fab-4		Michel 19.01.15
110	Small Fab	1 pcs	1/25/19	1/25/19	0.00	1.00	Small Fab-9		Michel 19.01.15
120	QC	1 pcs	1/25/19	1/25/19	0.00	0.00	QC5		Michel 19.01.15
130	Customer Acceptance	1 pcs	1/25/19	1/25/19	0.00	0.00	QC6		Michel 19.01.15
140	Outsource	1 pcs	1/25/19	1/25/19			SKY002-VC	5	Michel 19.01.15
150	Packaging	1 pcs	1/25/19	1/25/19	0.00	0.00	Packaging2		Michel 19.01.15
160	QC	1 pcs	1/25/19	1/25/19	0.00	0.00	QC6		Michel 19.01.15
170	Small Fab	1 pcs	1/25/19	1/25/19	0.00	1.00	Small Fab-9		Michel 19.01.15
180	QC	1 pcs	1/25/19	1/25/19	0.00	0.00	QC5		Michel 19.01.15
185	DC	1 pcs	1/25/19	1/25/19	0.00	0.00	DC		Michel 19.01.15
190	Packaging	1 pcs	1/25/19	1/25/19	0.00	0.00	Packaging3-2		Michel 19.01.15
200	QC21-FG	1 Ea	1/25/19	1/25/19	0.00	0.00	QC21		Michel 19.01.15

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLY. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels Photocopy blue file OM & OOPM-SWA3A Rev3

140 - Outsource - p0042320

Loctite 242 (138766) Grease Aeroshell (M138724)

Saf - + - eye (M128063)
Silicone Ge (MK 38942)



Container No: S144878



Part: SWA3-3
Job No: OH188756
Serial No/Batch: AC10009
Revision: 3
Inspector:
Exp Date:
Instructions:

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/16/19

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA3-3-AR	Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)	1 pcs (1 ea)	100-Start up Operation	5141081
188-FPSS-832-1/4	Set Screw	1 Ea (1 ea)	170-Small Fab	5027241
92210A303	Flat Socket Cap Screw	4 pcs (4 ea)	170-Small Fab	5083914
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab	5054450
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	5072957
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge	6 ft (6 ea)	170-Small Fab	5047767
SWA3-100	Upper End - Swa3 Swivel	1 pcs (1 ea)	170-Small Fab	5127391
SWA3-200	Lower End	1 pcs (1 ea)	170-Small Fab	5127391
SWA3-300	Wire Clamp	2 pcs (2 ea)	170-Small Fab	5142694
SWA3-400	Button Head Screw	2 Ea (2 ea)	170-Small Fab	5142694
SWA3-500B	Contact Spacer	1 Ea (1 ea)	170-Small Fab	5142694
SWA3-600	O-Ring	1 pcs (1 ea)	170-Small Fab	5142445
SWA3-700	9529K15 Bearing Balls - 1/4"	32 Ea (32 ea)	170-Small Fab	5029455
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	170-Small Fab	5097738
SWA6A-900B	Rotary Connector - 3 wire	1 Ea (1 ea)	170-Small Fab	5097738

S114492

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	SWA3-3	1	0	0
170-Small Fab	188-FPSS-832-1/4	1	23	0
	92210A303	4	108	0
	EL-PLUG-F	1	23	0
	EL-PLUG-M	1	38	0
	EL314-SJTOW	6	380	0
	SWA3-100	1	4	0
	SWA3-200	1	1	0
	SWA3-300	2	35	0
	SWA3-400	2	15	0
	SWA3-500B	1	0	0
	SWA3-600	1	17	0
	SWA3-700	32	120	0
	SWA6A-1900	6	347	0
	SWA6A-900B	1	1	0

Part Specifications

Specifications could not be found.

Plex 1/15/19 10:35 AM Dart.Gagnon.Michelle

7848

Inspection Sheet Complete

RA523

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
SWA3-3A	AC10009	1	☒ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S141081	Overhaul
SWA3-3A	2304-C5	1	☒ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S141082	Overhaul
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____

RETURN AUTHORIZATION



RA #:

RA523

Date:

December 11, 2018

Attention:

Jason Buick

E-mail:

N/A

From:

Jennifer Renwick

RETURN ADDRESS

☒ Hawkesbury Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7, CA 1-613-632-3336	☐ Vista Dart Aerospace Ltd. 3030 Enterprise Court, Suite A Vista, CA 92081-8347, US 1-760-724-5300	☐ Eugene Dart Aerospace Ltd. 190 S. Danebo Avenue Eugene, OR 97402, US 1-541-344-9953
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SHIPPING

Courier:	Customers Choice
Account #:	Customers Account

COMMERCIAL INVOICE INFORMATION

Item #1		Item #2	
P/N:	SWA3-3A	P/N:	SWA3-3A
Description:	Swivel	Description:	Swivel
Qty:	1	Qty:	1
Flown:	N/A	Flown:	N/A
Customs Value USD:	\$500	Customs Value USD:	\$500
Batch / Serial #	TBA Ae 10009	Batch / Serial #	TBA 2304-C5
Item #3		Item #4	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0
Item #5		Item #6	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0

ADDITIONAL RETURN AUTHORIZATION INFORMATION

- Print RA form, complete Part Disposition section and include a copy with the shipment.
- Ensure the RA number is referenced on all documents. Failure to do so may result in delivery refusal.
- Ensure the shipment is directed to the correct facility referenced above. Failure to do so will result in delays and additional shipping costs.
- Commercial invoice must include the following statement: "Parts are aircraft parts being returned to the manufacturer."
- International shipments require commercial invoice attached to the outside of the box.
- Where applicable, the original Release Certificate, STC's, Installation Instructions, Maintenance Manual Supplement, Flight Manual Supplement, packing slips and removable tag must accompany the shipment.
- Return authorization expires in 30 days. If no charge products were supplied, these will be invoiced upon expiration of the RA.
- Returned items will be fully inspected by Quality Control and credit will be issued for items deemed to be new, un-flown, traceable and to the current revision.
- A 15% minimum restocking fee applies, additional fees may apply upon receipt and inspection if items require rework or cannot be returned to stock
- Items should be adequately packaged to prevent shipping damage.
- For complete terms & conditions, visit www.dartaerospace.com

PART DISPOSITION (To be completed and returned by customer)

Reason for return:	overhaul
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H:\Forms\Quality Assurance\approved QA Online\RA revK

Heli Support New Zealand Ltd
 8 Mustang Lane, Wanaka Airport, RD2 Wanaka, 9382
 Ph: 03 443 2903, Fax: 03 443 2907
 Email: admin@helisupport.co.nz

TD No: P-3982
 DATE: 10/12/2018
 DATE REQUIRED: 10/12/2018
 JOB No: 11274
 AIRCRAFT: ZZZZZZZ SN: ZZZZZZ

TO: Dart Aerospace Ltd

ADDRESS: 1270 Aberdeen Street
 Canada

DELIVER TO: Helisupport NZ Ltd
 8 Mustang Lane
 Wanaka, 9382

EMAIL: dartsalesasiapacific@dartaero.c FAX:

Component Details: Work to be carried out in accordance with...

Description: 2 x Dart SWA3 Rotary Contact Swivel **Part #:** SWA3-3

Work Required:

Please overhaul 2 x Dart SWA3 Rotary Contact Swivel IAW O&OPM-SWA3, Rev.3.

Please return to:
 Helisupport NZ Ltd
 c/o Cameron Air and Sea Freight
 14 McLeans Island Road, Harewood
 Christchurch Airport
 Christchurch 8051
 New Zealand
 .. on Camerons DHL a/c 962806012

RA#: RA523

Work Extras:	Required?	Completed?	Certification Type:	Required?	Completed?
Strip Report Required	NO	☐	Form One	YES	☐
Certification Required	YES	☐	Log Book Entry	NO	☐
Authorised By: Jason Buick Authorisation No:			Other:	NO	☐
			Signed Declaration: N/A I hereby certify that the above work has been carried out as per the drawings/specifications provided. Signed: _____ Date: _____		
Signed:  Date: 12-12-18					



Overhaul Incoming Inspection
SWIVEL SWA3-3

Customer

RA523 / OH 188756

Date

2019/01/16

Part Number

SWA3-3

Serial Number

AC10009

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

(2) x SWA3-400 BUTTON HEAD SCREW

☐

(1) x SWA3-200 LOWER END

☐☐☐☐☐☐☐☐☐

Inspected By

ALAIN PATRY



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042320



Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO042320
PO Date: 1/18/19
Due Date: 1/23/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	OH188758	SWA3-3- OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	Firmed	-	1/23/19	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	OH188756			Firmed	-	1/23/19	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:							2	0	2		\$356.00

2	OH188755	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	-	1/23/19	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Grand Total:											\$534.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



skyservice Work Order Traveler

Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO39021	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO042320 ✓
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

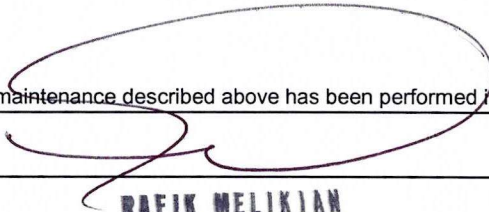
Work Required:

CARRY OUT NDT ON:

- ✓ 2 ELECTRIC SWIVEL , P/N# SWA3-3-OH , J/S# OH188756 , OH188758 ^{1x ✓ 2x ✓}
- ✓ 1 C-SERIES REMOTE HOOK , P/N# C10-OH , J/S# OH188755 ^{16pcs box said 10pcs}

Action Taken:						Date:	Initial/Stamp:
LPI & MPI C/O IAW ASTM E-1417M-16 AND E-1444M-16						JAN 23 2019	 DAS 38 9-88
NO CRACK FOUND							
MAGBENCH S/N 208123 CAL DUE: 5-APR-2019, POWDER 14A BATCH# MPO13600, CARRIER II BATCH# MPO20165 PEN ZL-37, MPO23206, CLEANER SKC-S MPO15030, EMU. MPO15896, DEV. MPO15030, UV LIGHT M-20142							
Description	Location	P/N	Qty	Batch	S/N Off	S/N On	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature: 	ACA/SCA Stamp 	Date: JAN 23 2019
Name: RAFIK MELIKIAN		



N.D.T

RA. # RA523

[illegible]

Work Order OH 188756Customer RA 523Number of Wires 3Date 2019-1-30Serial Number AC 10009

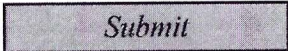
Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By:

Michel Lalonde

Technician

Signature:

Sylvie Pauchet
QC 5 Small FAB / QASubmit